



Serial No. 10/646,253
60246-214; 10678

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Pondicq-Cassou et al.
Serial No.: 10/646,253
Filed: August 22, 2003
Group Art Unit: 3744
Examiner: Jiang, Chen Wen
Title: DEFROSTING METHODOLOGY FOR HEAT PUMP WATER HEATING SYSTEM

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. In accordance with Patent Office guidelines, copies of the foreign citations listed on PTO 1449 are enclosed. These references do not disclose the invention claimed in the subject application.

Please consider the enclosed Information Disclosure Statement in the examination of the above application. The Commissioner is authorized to charge Deposit Account No. 03-0835, in the name of Carrier Corporation, \$180.00 for the information disclosure statement fee. Should there be any additional fees associated with this document, please charge it to Deposit Account No. 50-1482.

Respectfully Submitted,

CARLSON, GASKEY & OLDS, P.C.

Karin H. Butchko
Registration No. 45,864
Attorneys for Applicant
400 West Maple Road, Suite 350
Birmingham, Michigan 48009
(248) 988-8360

09/19/2005 SFELEKE1 00000001 030835 10646253
01 FC:1806 180.00 DA

Dated: September 14, 2005



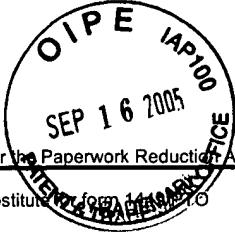
Serial No. 10/646,253
60246-214; 10678

CERTIFICATE OF MAILING

I hereby certify that this information disclosure statement is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 14, 2005.



Amy M. Spaulding



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute Form 11970

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/646,253
Filing Date	August 22, 2003
First Named Inventor	Pondicq-Cassou et al
Art Unit	3744
Examiner Name	Jiang, Chen Wen

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
		JP 2002310519	10-23-2002	Nishiyodo Kuchoki		
		JP 2003056907	02-26-2003	Denso Corp.		
		JP 2003139392	05-14-2003	Denso Corp.		
		JP 2003139405	05-14-2003	Denso Corp.		
		JP 2003130560	05-08-2003	Sanyo Electric Co.		
		EP 0 161 338	11-21-1985	Kulmbacher		

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 2

of 2

Complete if Known

Application Number 10/646 253

Filing Date August 22, 2003

First Named Inventor _____

Art Unit 3744

Examiner Name Jiang, Chen

Attorney Docket

DOCUMENTS

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		WO 03/042606	05-22-2003	Daikin Industries		
		WO 02/18854	03-07-2002	Sinvent AS		
		WO 03/064942	07-08-2003	Daikin Industries		
		WO 03/064935	07-08-2003	Daikin Industries		
		JP 58179764	10-21-1983	Matsushita Denki		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.